

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/25/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Coatings, Cutting/Tapping Fluids, Resins/Rosins

Cleaning Methods:

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Heating in oven at 100 C and observing the change in weight at 10 min., 30 min., 60 min.
1. Coating - The Valvoline Co. Tectyl 506 Petroleum based rust preventative
2. Resin - Solutia Inc. Gelva Multipolymer Resin Solution 2895 (50862-46-9, 141-78-6, 142-82-5, 67-63-0, 64-17-5, 108-05-4)
3. Cutting Fluid - Bencyn, Inc. B-5186, Metal Working Compound (64742-52-5, 9003-29-6, 39464-69-2, 63197-48-8)

Results: Not much removal was observed.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Coatings, Cutting/Tapping Fluids, Resins/Rosins				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
No Specific Vendor	Heat-Oven		4.85	<input type="checkbox"/>	Time: 10 minutes-30 minutes

Conclusion: